Patent Claims

1. A polycarbonate composition containing inorganic material having anisotropic particle geometry and having total iron content of less than about 100 ppm.

2. The polycarbonate composition according to Claim 1, wherein the total iron content of the composition is less than about 70 ppm.

3. The polycarbonate composition according to Claim 1, wherein the total iron content of the composition is less than about 50 ppm.

4. The polycarbonate composition according to Claim 1 wherein the inorganic material has an aspect ratio greater than 2.

5. The polycarbonate composition according to Claim 1 wherein the inorganic material has an aspect ratio greater than about 5.

6. The polycarbonate composition according to Claim 1 wherein the inorganic material is of a platy particle shape.

7. The polycarbonate composition according to Claim 6, wherein the inorganic material is a talcum.

8. The polycarbonate composition according to Claim 1 further comprising up to 50 % relative to the weight of the composition of a graft polymer of 5 to 95 percent of at least one vinyl monomer grafted on 95 to 5 percent of at least one elastomeric graft base having a glass transition temperature of less than about 10°C, said percent, both occurrences being relative to the weight of said graft polymer.

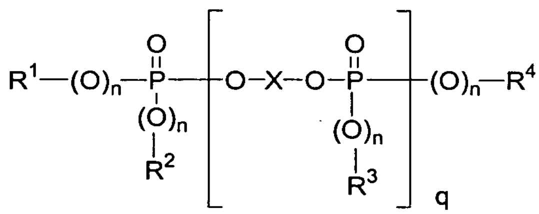
9. The polycarbonate composition according to Claim 8, wherein the graft base is a member selected from the group consisting of diene, EP(D)M, acrylate and silicone rubber.

10. The polycarbonate composition according to Claim 8, wherein graft polymer is an emulsion ABS or bulk ABS or mixture thereof.

11. The polycarbonate composition according to Claim 1 further comprising a flame retarding agent.

12. The polycarbonate composition according to Claim 11 wherein flame retarding agent is a phosphorus compound.

13. The polycarbonate composition according to Claim 12, wherein phosphorus compound conforms to



wherein

R^1, R^2, R^3 and R^4, independently of one another denote C_1-C_8 alkyl; C_5 to C_6 cycloalkyl, C_6 to C_{20} aryl or C_7 to C_{12} aralkyl in each case optionally substituted by alkyl and/or halogen,

n independently of one another is 0 or 1

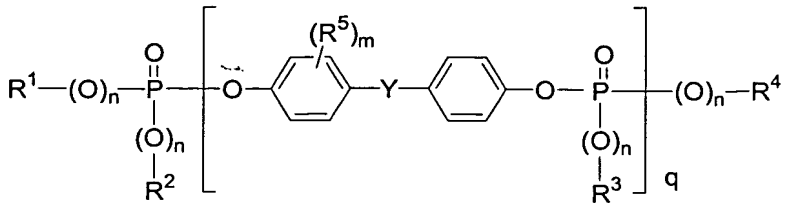
q is a number from 0 to 30, and

X denotes a mononuclear or polynuclear aromatic radical having 6 to 30 C atoms, or a linear or branched aliphatic radical with 2 to 30 C atoms.

14. The polycarbonate composition of Claim 13 wherein X is OH-substituted.

15. The polycarbonate composition of Claim 14 wherein X contains up to 8 ether bonds.

16. The polycarbonate composition according to Claim 12 wherein phosphorus compound conforms to



wherein

R^1, R^2, R^3 and R^4 independently of one another denote C_1 to C_8 alkyl and/or C_5 to C_6 cycloalkyl, C_6 to C_{10} aryl or C_7 to C_{12} aralkyl optionally substituted by alkyl,

n independently of one another is 0 or 1,

m independently of one another is 0, 1, 2, 3 or 4,

q is a number between 0 and 30,

R^5 and R^6 independently of one another denote C_1 to C_4 alkyl, and

Y denotes C_1 to C_7 alkylidene, C_1 to C_7 alkylene, C_5 to C_{12} cycloalkylene, C_5 to C_{12} cycloalkylidene, –O–, –S–, –SO–, SO_2 or –CO–.

17. A molded article containing the polycarbonate composition according to Claim 1.